

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
Declaration under 37 CFR 1.132	Atty. Docket No. BERR1100-1
Applicants Keith L. Berrier	
Application Number 10/799,560	Date Filed 03/11/2004
Title Systems and methods for reconstructing information using a Duncan and Horn formulation of the Kalman filter for regularization	
Group Art Unit 3709	Examiner Patton, Amanda K.
Confirmation Number: 7773	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

My name is Danny C. Sorensen, Ph.D.

I am a Noah Harding Professor of Computational and Applied Mathematics at Rice University in Houston, Texas.

I served as an advisor to Keith Berrier during his graduate studies at Rice University in Houston, Texas, and also served as a member of Mr. Berrier's doctoral committee.

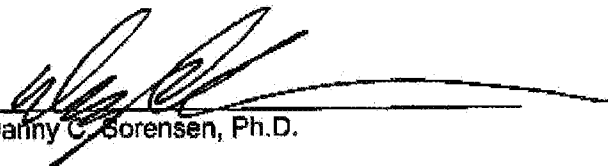
As an advisor and doctoral committee member, I provided guidance to Mr. Berrier in his research and in the writing of his doctoral dissertation and other papers related to his research.

As a result of providing this guidance to Mr. Berrier, I was named as a co-author on one or more of the papers written by Mr. Berrier in connection with his doctoral research (including, for example, Berrier KL, Sorensen DC, Khoury DS, "Solving the Inverse Problem of Electrocardiography Using a Duncan and Horn Formulation of the Kalman Filter", IEEE Trans. Biomed. Eng., 2004 March, 51(3): 507-15).

Declaration of
Danny C. Sorensen, Ph.D.

While I was named as a co-author of these papers, the subject matter of the papers, namely the use of a Duncan and Horn formulation of the Kalman filter for regularization of an inverse problem, was conceived and developed by Mr. Berrier, and not by myself.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.



Danny C. Sorensen, Ph.D.

Date: 8 Feb 08